Fig. 1a

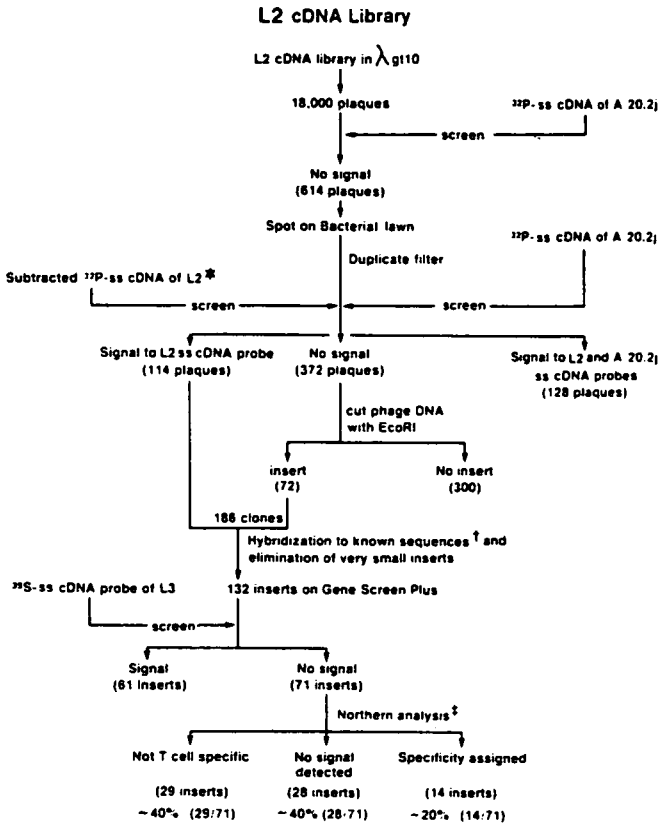

Fig. 1b

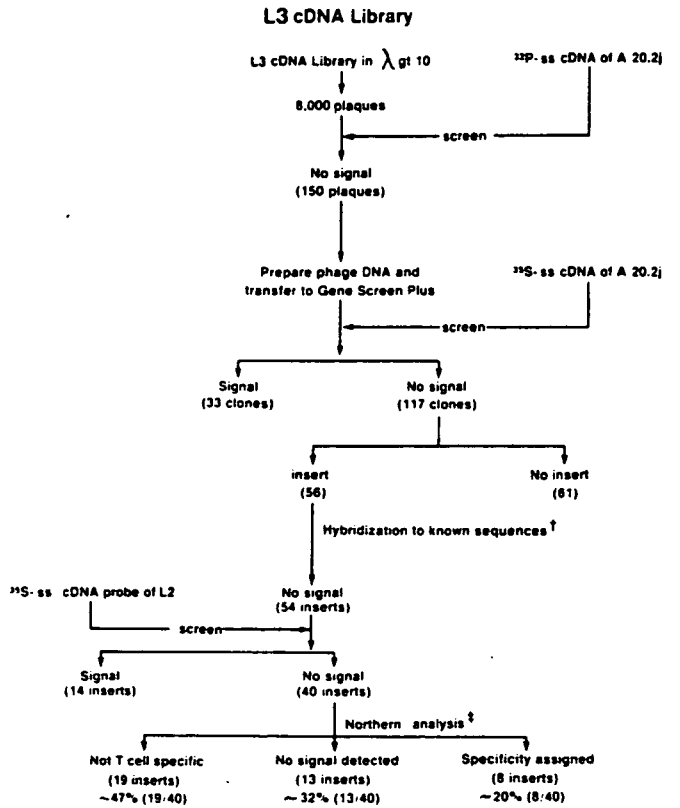

Fig. 2A

```
-145                                                                    ATGTC

-140   CATGAACTGC TGAGTGGATA AACAGCACGG GATATCTCTG TCTAAAGGAA TATTACTACA CCAGGAAAAG

 -70   GACACATTCG ACAACAGGAA AGGAGCCTGT CACAGAAAAC CACAGTGTCC TGTGCATGTG ACATTTCGCC

   1   ATG GGA AAC AAC TGT TAC AAC GTG GTG GTC ATT GTG CTG CTG CTA GTG GGC TGT GAG AAG   60
   1   Met Gly Asn Asn Cys Tyr Asn Val Val Val Ile Val Leu Leu Leu Val Gly Cys Glu Lys   20

  61   GTG GGA GCC GTG CAG AAC TCC TGT GAT AAC TGT CAG CCT GGT ACT TTC TGC AGA AAA TAC  120
  21   Val Gly Ala Val Gln Asn Ser Cys Asp Asn Cys Gln Pro Gly Thr Phe Cys Arg Lys Tyr   40
                 ↑                    •       •                   •

 121   AAT CCA GTC TGC AAG AGC TGC CCT CCA AGT ACC TTC TCC AGC ATA GGT GGA CAG CCG AAC  180
  41   Asn Pro Val Cys Lys Ser Cys Pro Pro Ser Thr Phe Ser Ser Ile Gly Gly Gln Pro Asn   60
                      •       •

 181   TGT AAC ATC TGC AGA GTG TGT GCA GGC TAT TTC AGG TTC AAG AAG TTT TGC TCC TCT ACC  240
  61   Cys Asn Ile Cys Arg Val Cys Ala Gly Tyr Phe Arg Phe Lys Lys Phe Cys Ser Ser Thr   80
        •       •       •                                   •

 241   CAC AAC GCG GAG TGT GAG TGC ATT GAA GGA TTC CAT TGC TTG GGG CCA CAG TGC ACC AGA  300
  81   His Asn Ala Glu Cys Glu Cys Ile Glu Gly Phe His Cys Leu Gly Pro Gln Cys Thr Arg  100
                  •       •                       •                   •

 301   TGT GAA AAG GAC TGC AGG CCT GGC CAG GAG CTA ACG AAG CAG GGT TGC AAA ACC TGT AGC  360
 101   Cys Glu Lys Asp Cys Arg Pro Gly Gln Glu Leu Thr Lys Gln Gly Cys Lys Thr Cys Ser  120
        •       •                                               •       •

 361   TTG GGA ACA TTT AAT GAC CAG AAC GGT ACT GGC GTC TGT CGA CCC TGG ACG AAC TGC TCT  420
 121   Leu Gly Thr Phe Asn Asp Gln Asn Gly Thr Gly Val Cys Arg Pro Trp Thr Asn Cys Ser  140
                                                       •                       •

 421   CTA GAC GGA AGG TCT GTG CTT AAG ACC GGG ACC ACG GAG AAG GAC GTG GTG TGT GGA CCC  480
 141   Leu Asp Gly Arg Ser Val Leu Lys Thr Gly Thr Thr Glu Lys Asp Val Val Cys Gly Pro  160
                                                                       •

 481   CCT GTG GTG AGC TTC TCT CCC AGT ACC ACC ATT TCT GTG ACT CCA GAG GGA GGA CCA GGA  540
 161   Pro Val Val Ser Phe Ser Pro Ser Thr Thr Ile Ser Val Thr Pro Glu Gly Gly Pro Gly  180

 541   GGG CAC TCC TTG CAG GTC CTT ACC TTG TTC CTG GCG CTG ACA TCG GCT TTG CTG CTG GCC  600
 181   Gly His Ser Leu Gln Val Leu Thr Leu Phe Leu Ala Leu Thr Ser Ala Leu Leu Leu Ala  200

 601   CTG ATC TTC ATT ACT CTC CTG TTC TCT GTG CTC AAA TGG ATC AGG AAA AAA TTC CCC CAC  660
 201   Leu Ile Phe Ile Thr Leu Leu Phe Ser Val Leu Lys Trp Ile Arg Lys Lys Phe Pro His  220

 661   ATA TTC AAG CAA CCA TTT AAG AAG ACC ACT GGA GCA GCT CAA GAG GAA GAT GCT TGT AGC  720
 221   Ile Phe Lys Gln Pro Phe Lys Lys Thr Thr Gly Ala Ala Gln Glu Glu Asp Ala Cys Ser  240
                                                                               •

 721   TGC CGA TGT CCA CAG GAA GAA GAA GGA GGA GGA GGA GGC TAT GAG CTG TGA TGTACTATC   780
 241   Cys Arg Cys Pro Gln Glu Glu Glu Gly Gly Gly Gly Gly Tyr Glu Leu ---
        •       •
```

Fig. 2B

```
781   CTAGGAGATG TGTGGGCCGA AACCGAGAAG CACTAGGACC CCACCATCCT GTGGAACAGC ACAAGCAACC   850

851   CCACCACCCT GTTCTTACAC ATCATCCTAG ATGATGTGTG GGCGCGCACC TCATCCAAGT CTCTTCTAAC   920

921   GCTAACATAT TTGTCTTTAC CTTTTTTAAA TCTTTTTTTA AATTTAAATT TTATGTGTGT GAGTGTTTTG   990

991   CCTGCCTGTA TGCACACGTG TGTGTGTGTG TGTGTGTGAC ACTCCTGATG CCTGAGGAGG TCAGAAGAGA  1060

1061  AAGGGTTGGT TCCATAAGAA CTGGAGTTAT GGATGGCTGT GAGCCGGnnn GATAGGTCGG GACGGAGACC  1130

1131  TGTCTTCTTA TTTTAACGTG ACTGTATAAT AAAAAAAAAA TGATATTTCG GGAATTGTAG AGATTGTCCT  1200

1201  GACACCCTTC TAGTTAATGA TCTAAGAGGA ATTGTTGATA CGTAGTATAC TGTATATGTG TATGTATATG  1270

1271  TATATGTATA TATAAGACTC TTTTACTGTC AAAGTCAACC TAGAGTGTCT GGTTACCAGG TCAATTTTAT  1340

1341  TGGACATTTT ACGTCACACA CACACACACA CACACACACA CACGTTTATA CTACGTACTGT TATCGGTAT   1410

1411  TCTACGTCAT ATAATGGGAT AGGGTAAAAG GAAACCAAAG AGTGAGTGAT ATTATTGTGGA GGTGACAGA  1480

1481  CTACCCCTTC TGGGTACGTA GGGACAGACC TCCTTCGGAC TGTCTAAAAC TCCCCTTAGA AGTCTCGTCA  1550

1551  AGTTCCCGGA CGAAGAGGAC AGAGGAGACA CAGTCCGAAA AGTTATTTTT CCGGCAAATC CTTTCCCTGT  1620

1621  TTCGTGACAC TCCACCCCTT GTGGACACTT GAGTGTCATC CTTGCGCCGG AAGGTCAGGT GGTACCCGTC  1690

1691  TGTAGGGGCG GGGAGACAGA GCCGCGGGGG AGCTACGAGA ATCGACTCAC AGGGCGCCCC GGGCTTCGCA  1760

1761  AATGAAACTT TTTTAATCTC ACAAGTTTCG TCCGGGCTCG GCGGACCTAT GGCGTCGATC CTTATTACCT  1830

1831  TATCCTGGCG CCAAGATAAA ACAACCAAAA GCCTTGACTC CGGTACTAAT TCTCCCTGCC GGCCCCCGTA  1900

1901  AGCATAACGC GGCGATCTCC ACTTTAAGAA CCTGGCCGCG TTCTGCCTGG TCTCGCTTTC GTAAACGGTT  1970

1971  CTTACAAAAG TAATTAGTTC TTGCTTTCAG CCTCCAAGCT TCTGCTAGTC TATGGCAGCA TCAAGGCTGG  2040

2041  TATTTGCTAC GGCTGACCGC TACGCCGCCG CAATAAGGGT ACTGGCCGGC CCGTCGAAGG CCCTTTGGTT  2110

2111  TCAGAAACCC AAGGCCCCCC TCATACCAAC GTTTCGACTT TGATTCTTGC CGGTACGTGG TGGTGGGTGC  2180

2181  CTTAGCTCTT TCTCGATAGT TAG AC
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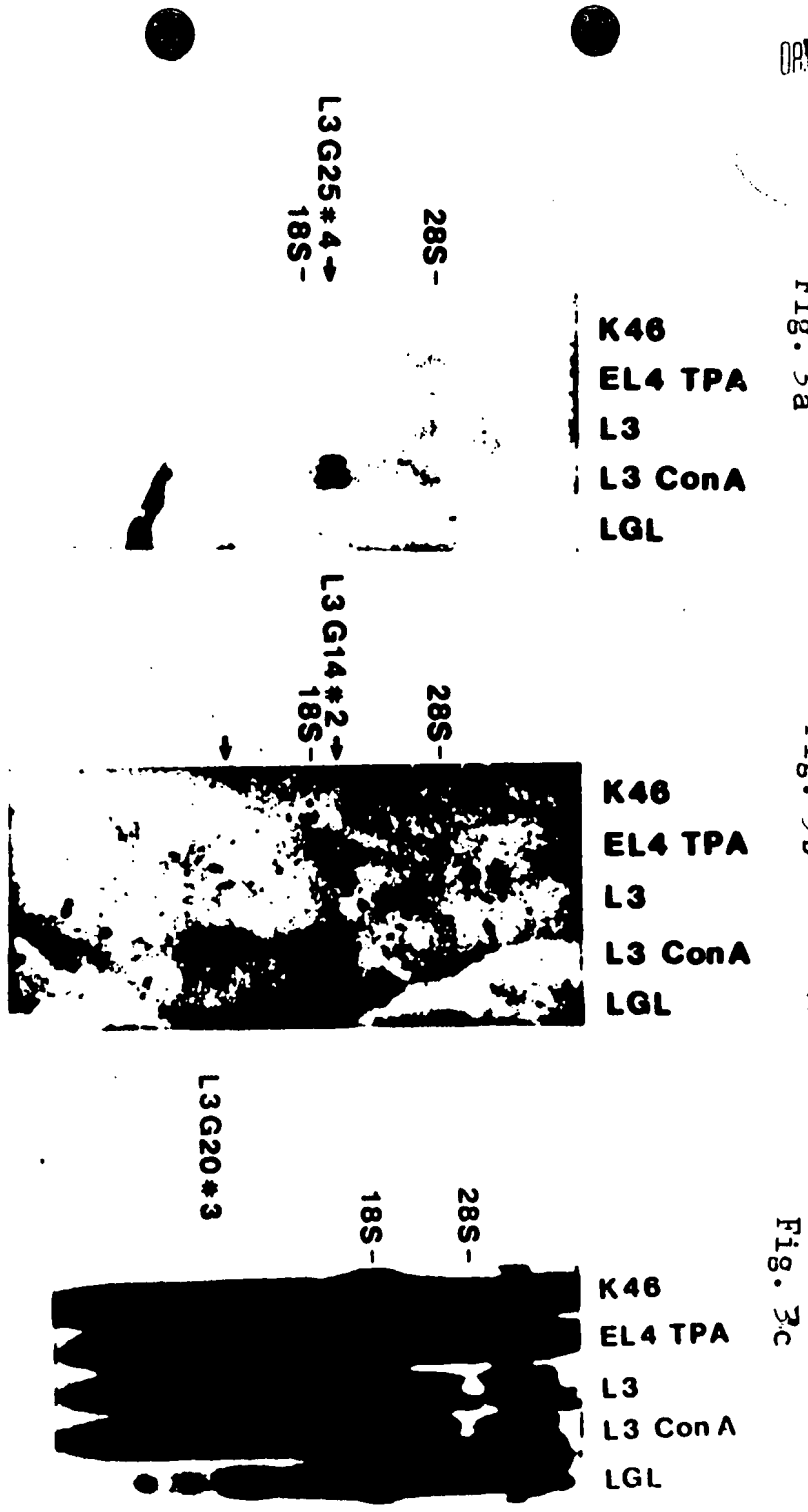


Fig. 3a

Fig. 3b

Fig. 3c

Fig. 4

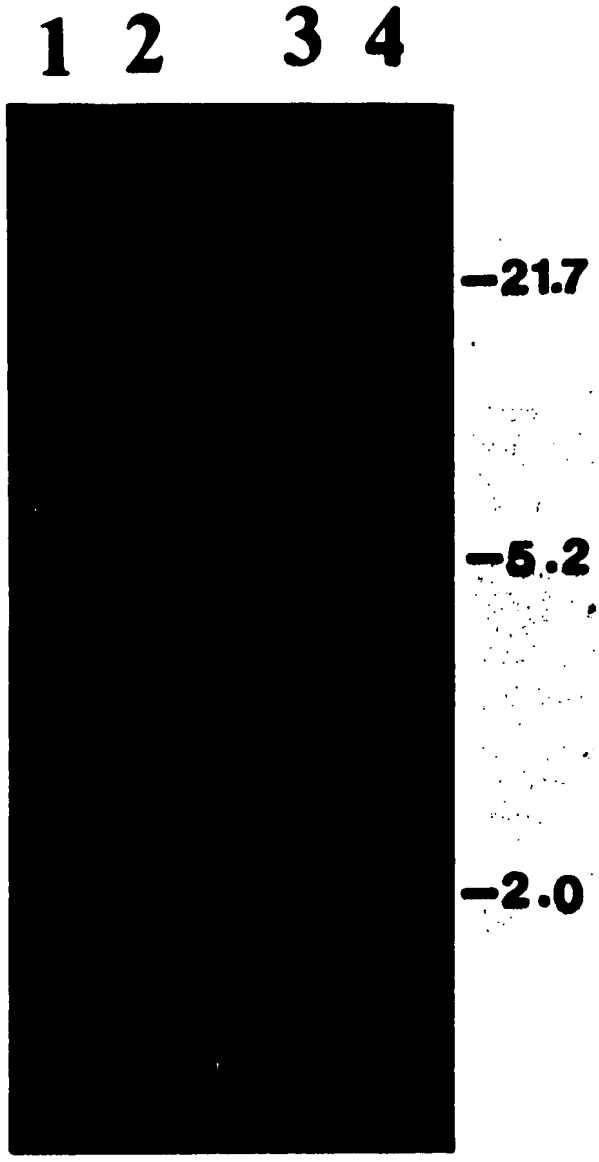


Fig. 6a

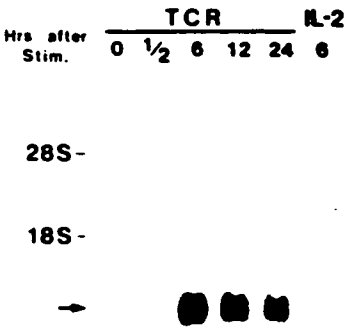


Fig. 6b

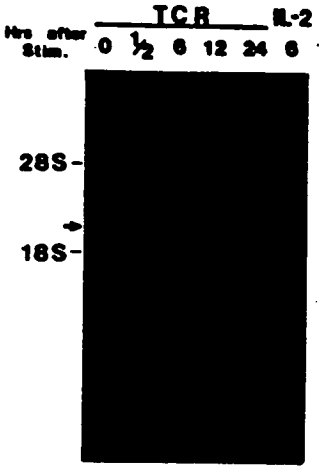


Fig. 6c

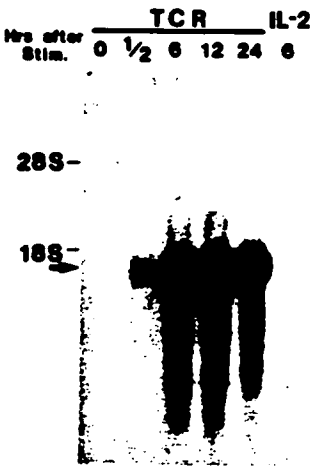
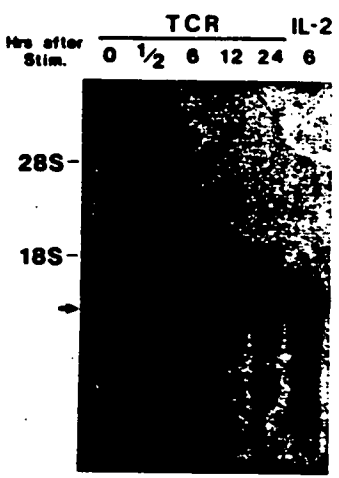
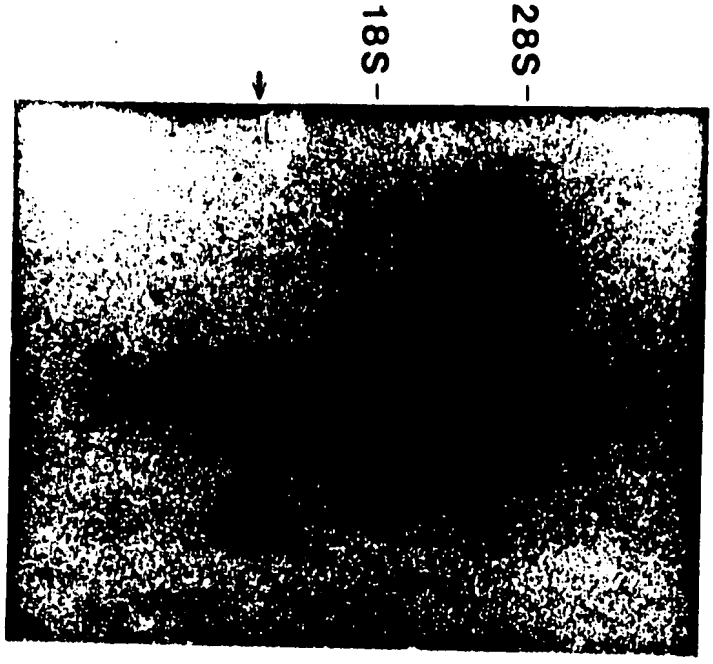


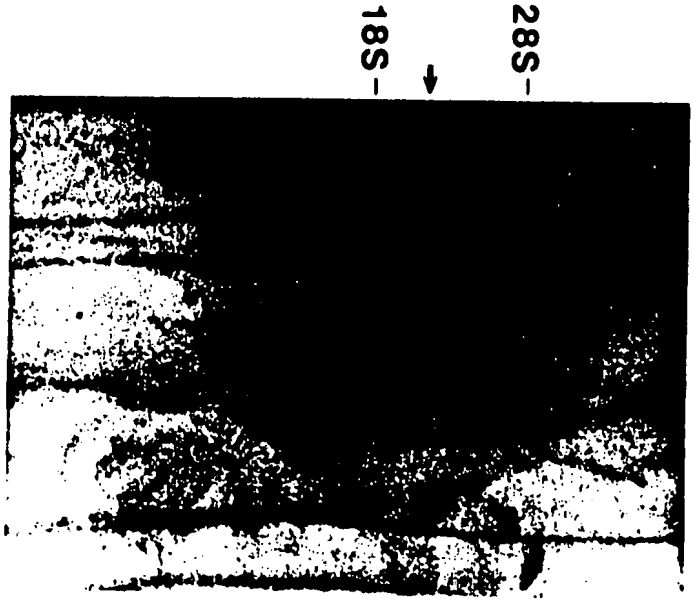
Fig. 6d





a

Fig. 5a



b

fig. 5b

Fig. 7a

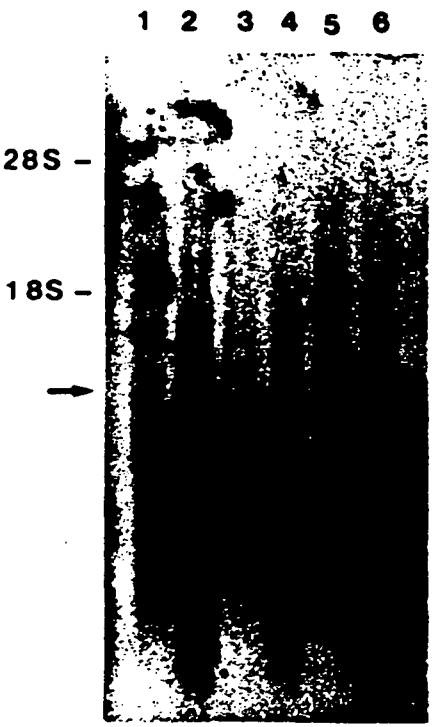
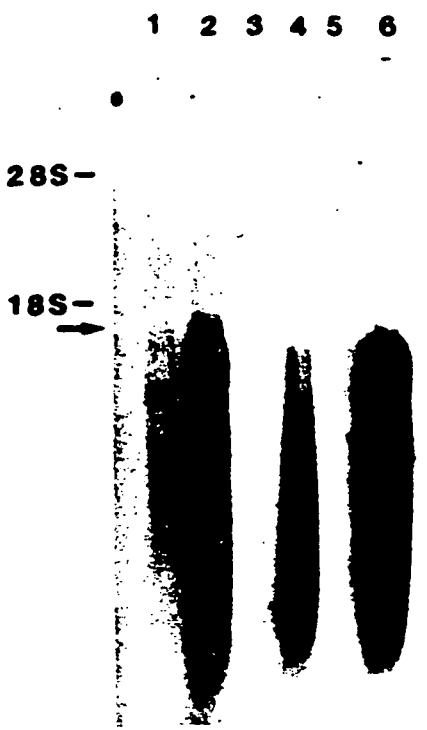


Fig. 7b

Fig. 7c



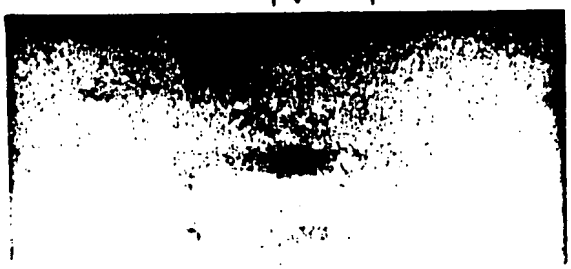

a
18S-
28S-
BW5147
BW5147 ConA
Md90
Md90 ConA
PN37
PN37 ConA

Fig. 8a

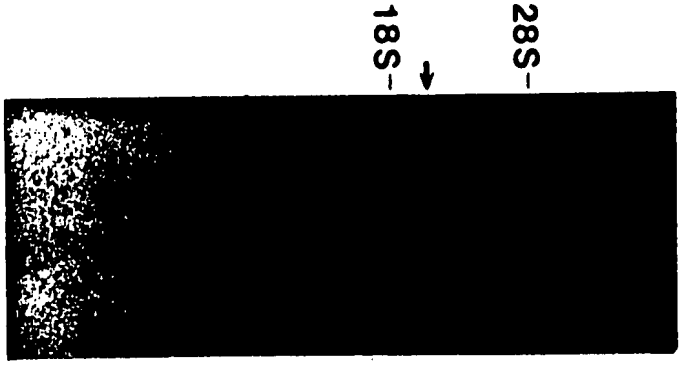

b
18S-
28S-
L2
A11
L3
Melanocyte

Fig. 8b

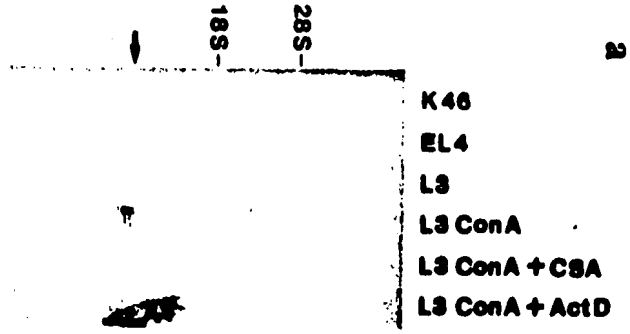


Fig. 9a

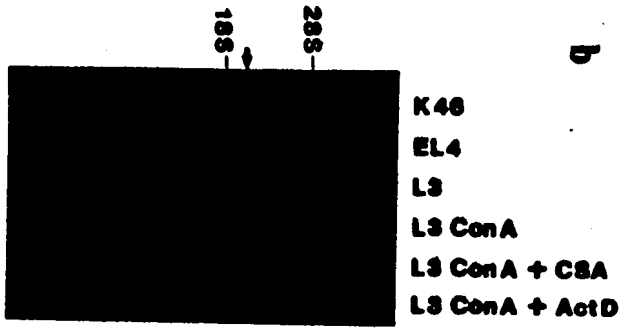


Fig. 9b

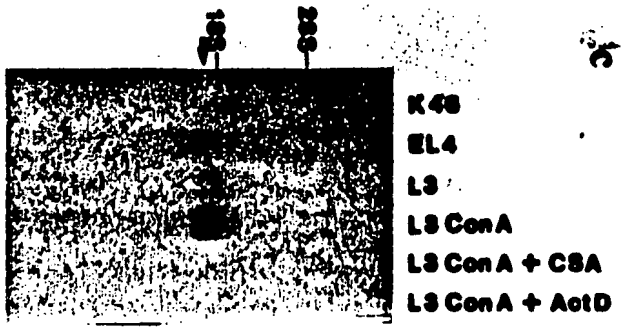


Fig. 9c

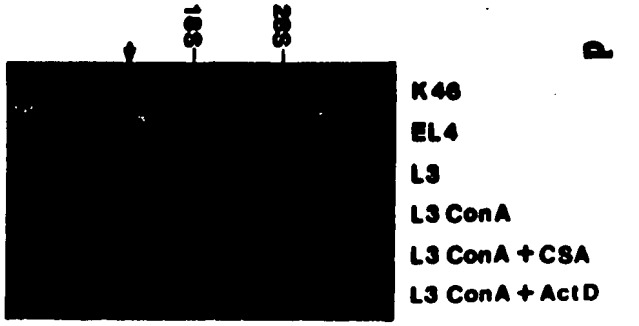


Fig. 9d

Fig. 10a

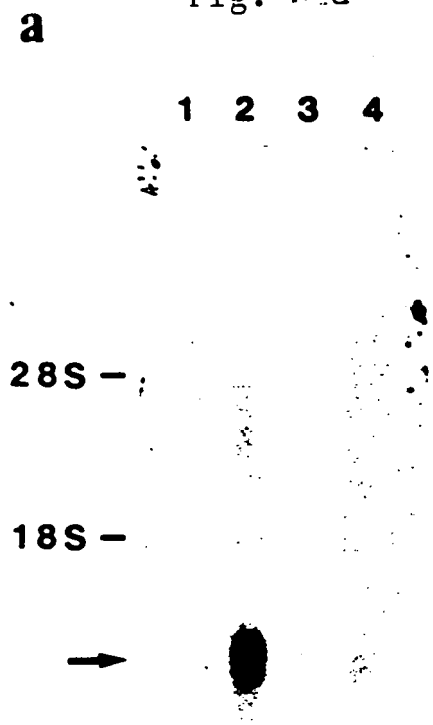


Fig. 10b

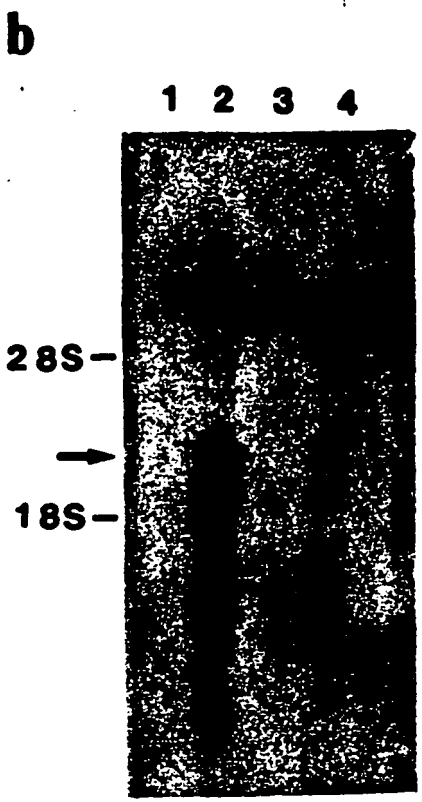
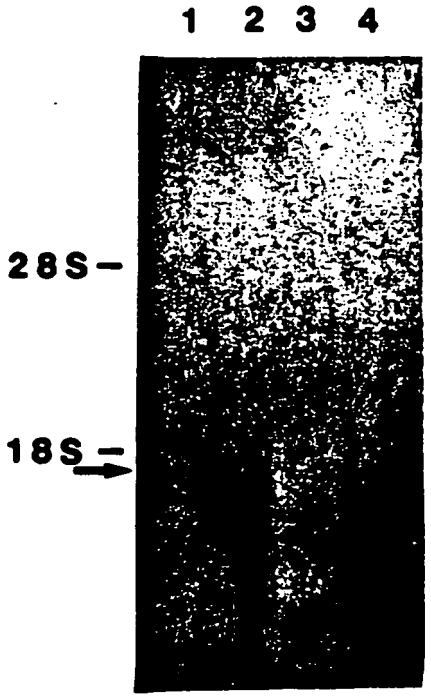
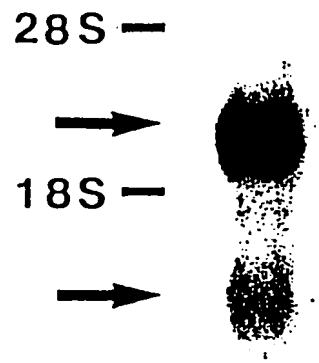


Fig. 10c





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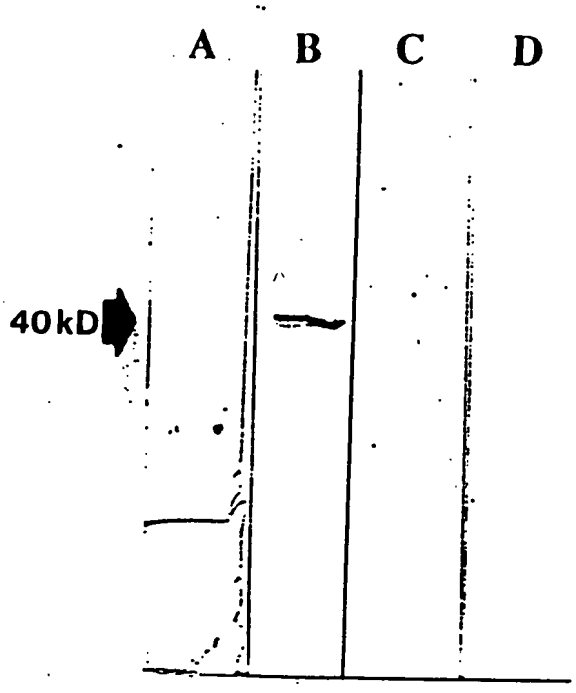

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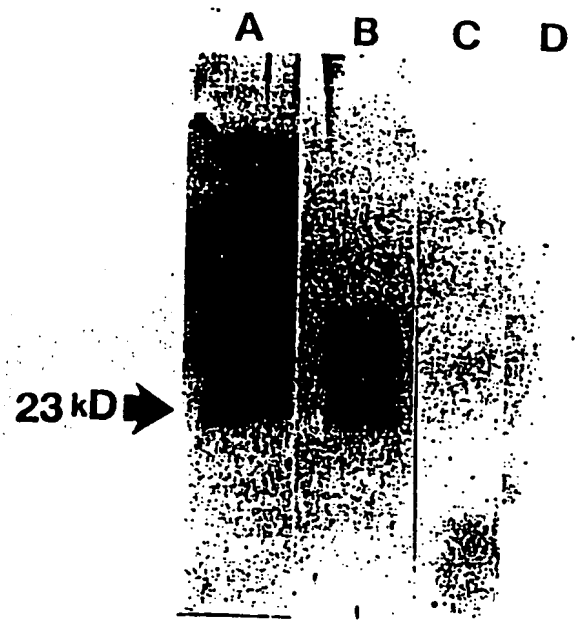

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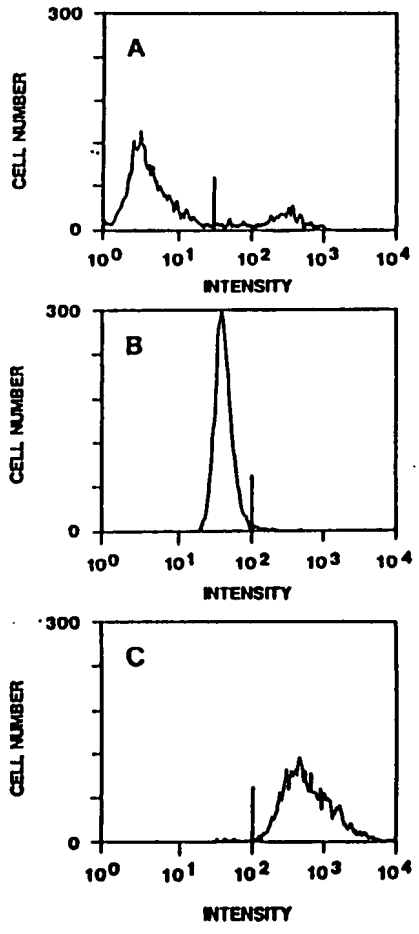


Figure 14

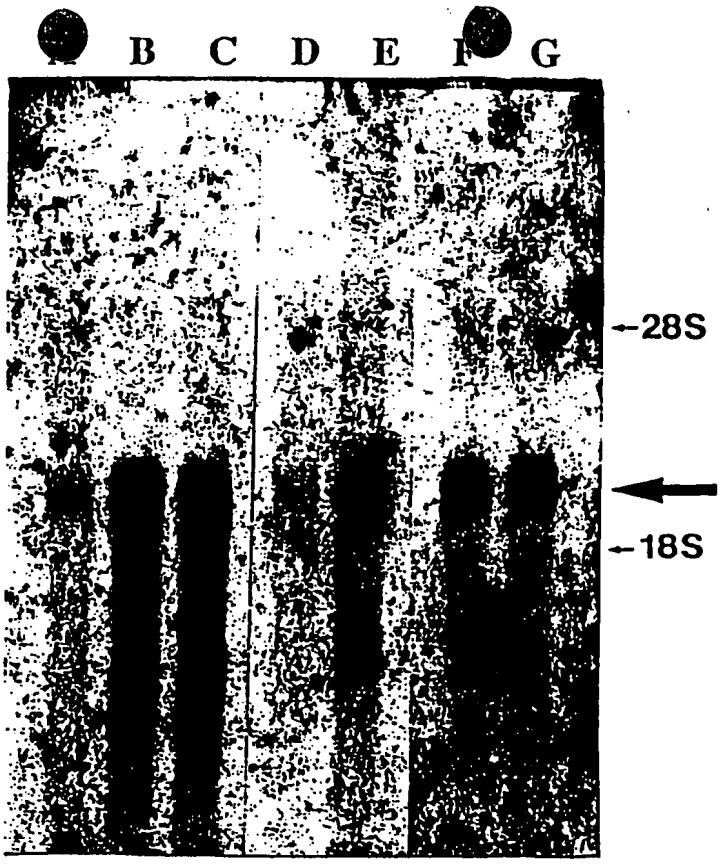


Figure 15

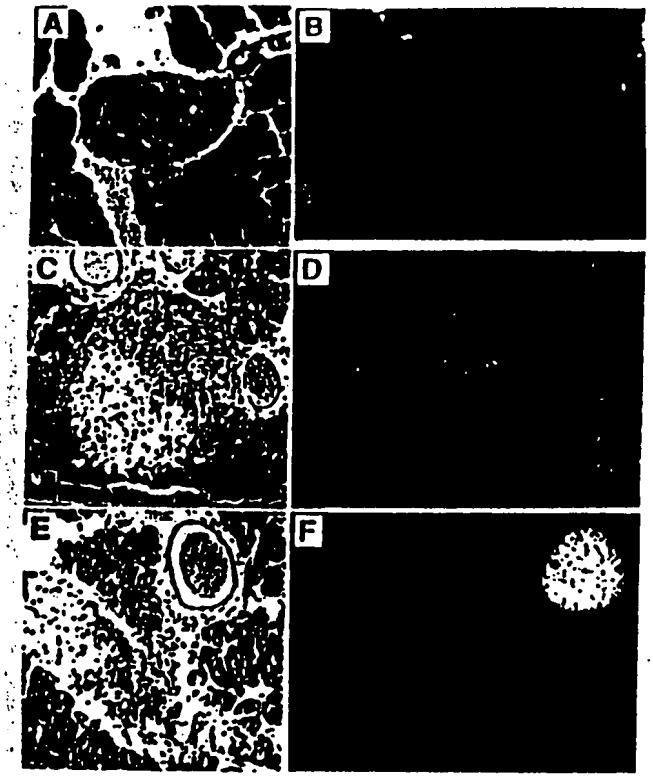


Figure 16

Figure 17

4-1BB	(64)	C R V C A G Y F R F K K - - F - C S S T H N A E C - E C
Sina	(71)	C P V C F D Y V - - - - - I L Q C S S G H L V - C V S C
DG17	(25)	C P I C F E F I - Y K K Q I Y Q C K S G H H A - C K E C

Fig. 18

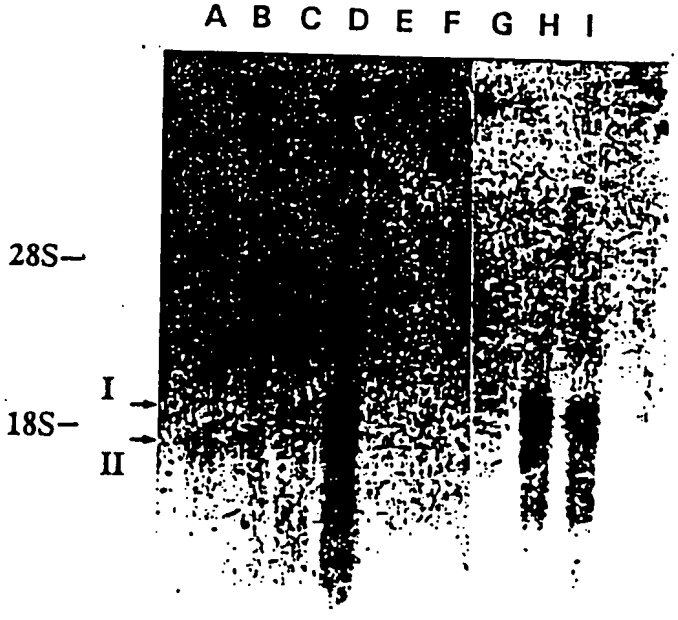


Fig 19.

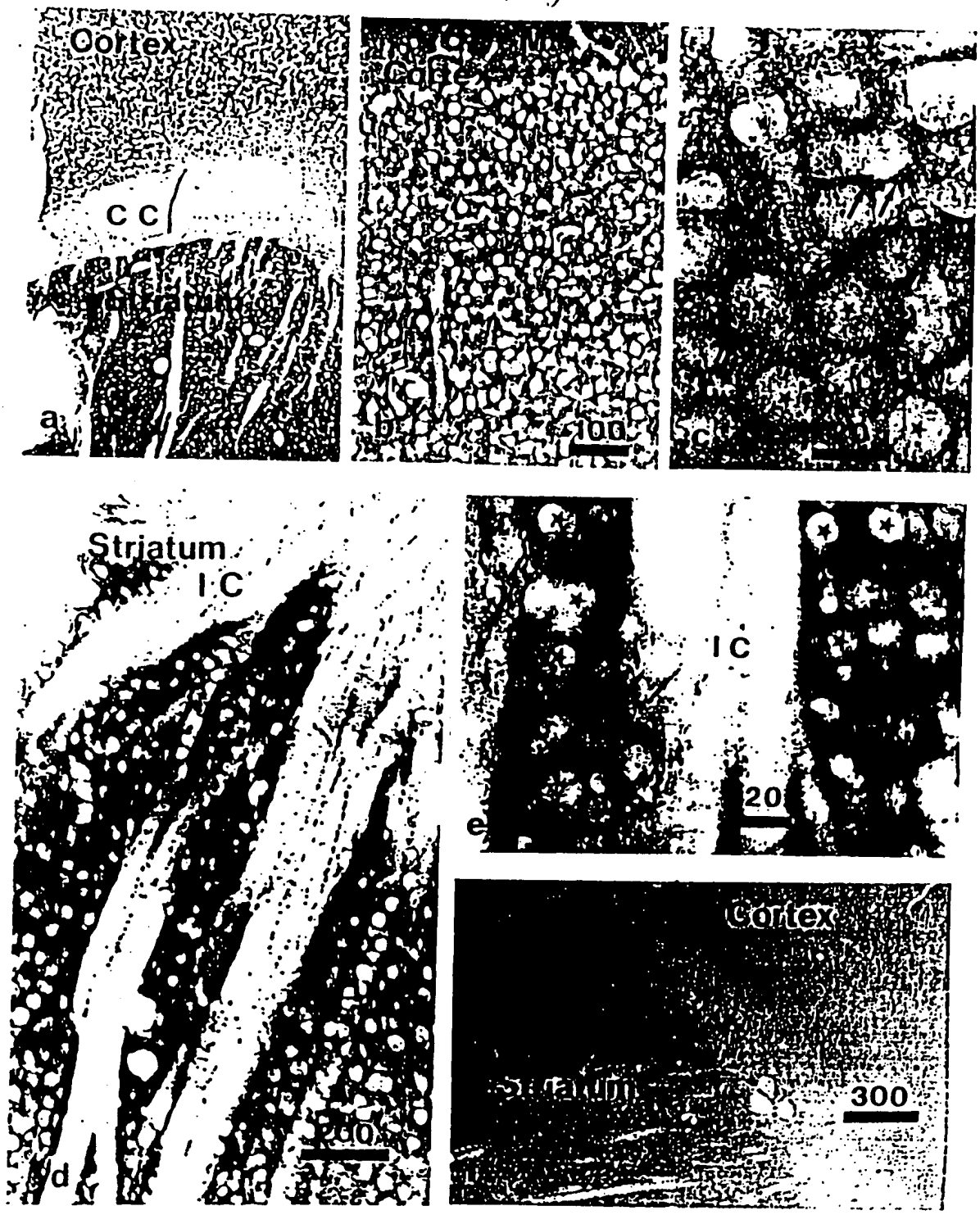

Cortex
CC
Striatum
a
b
100
c
Striatum
IC
200
d
IC
20
e
Cortex
Striatum
300

Fig. 20

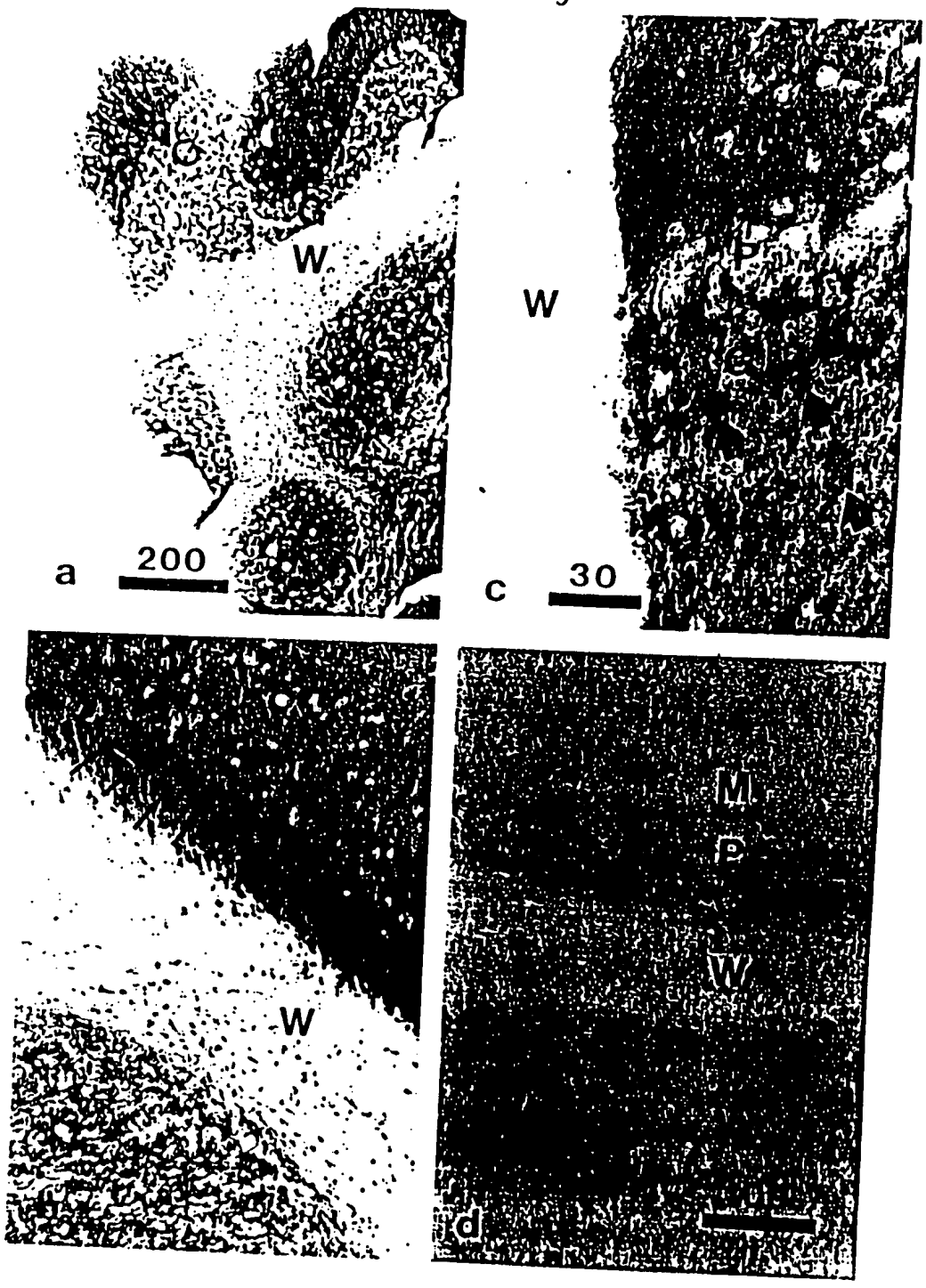


Figure 21

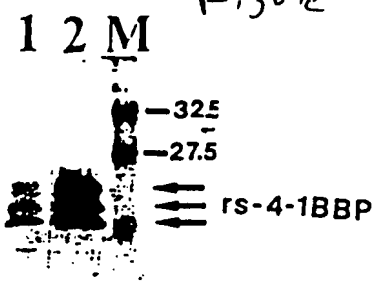
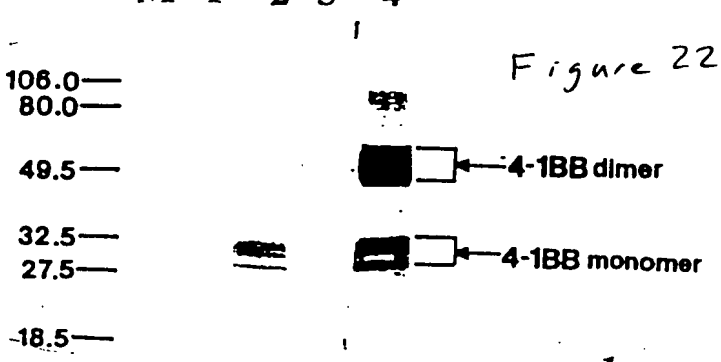


Figure 22



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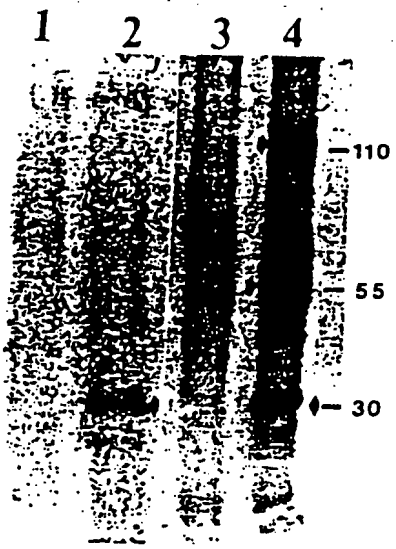
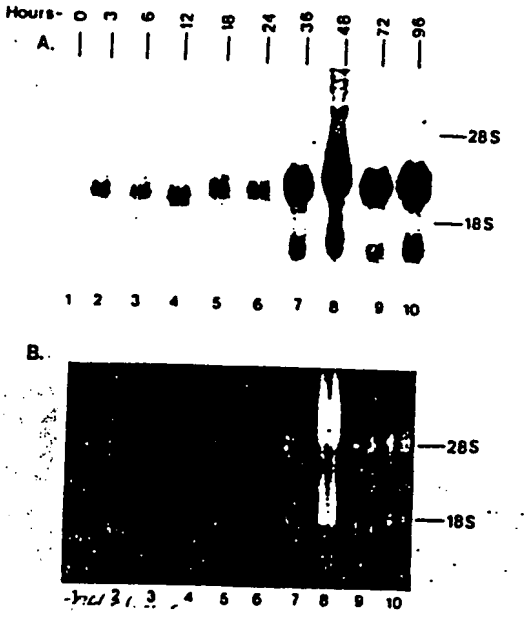


Figure 24



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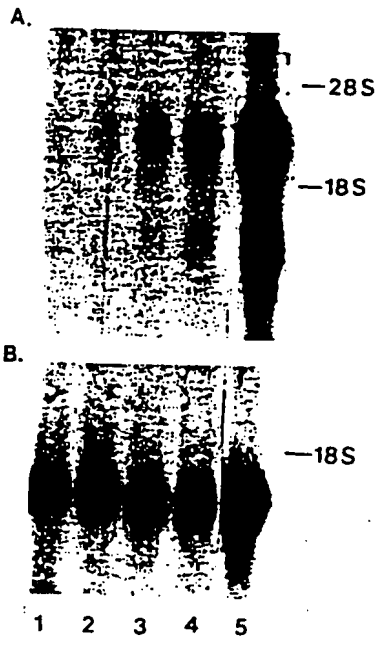
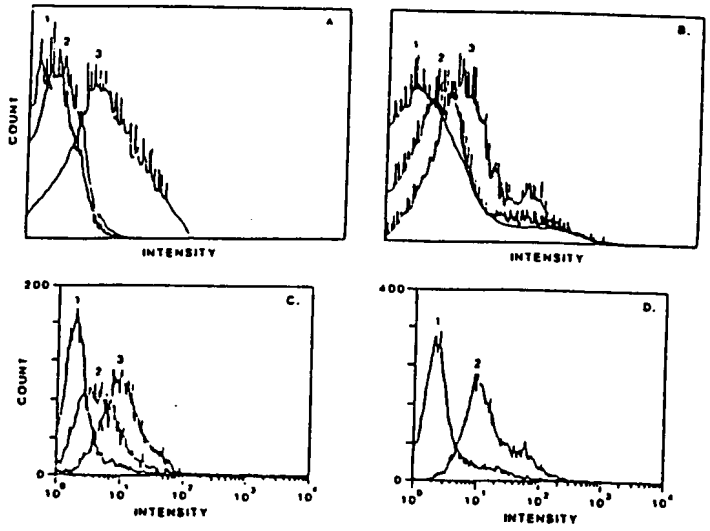


Figure 26

Figure 27



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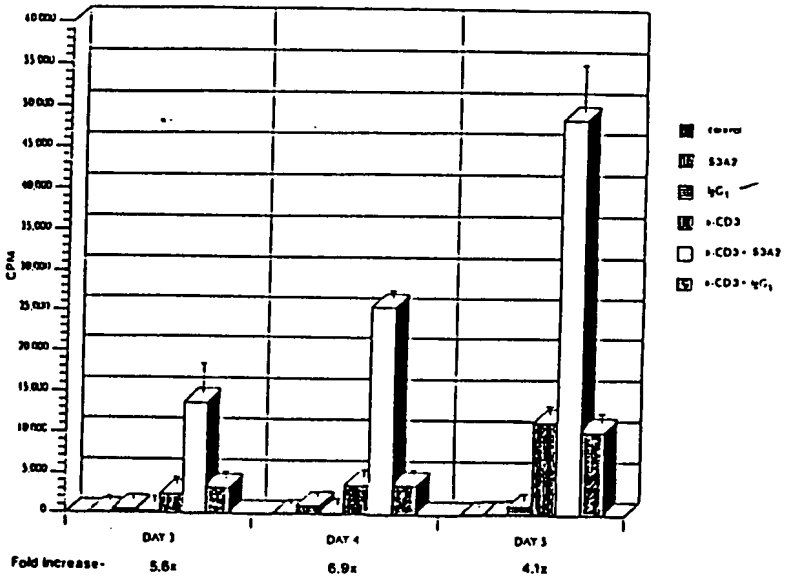

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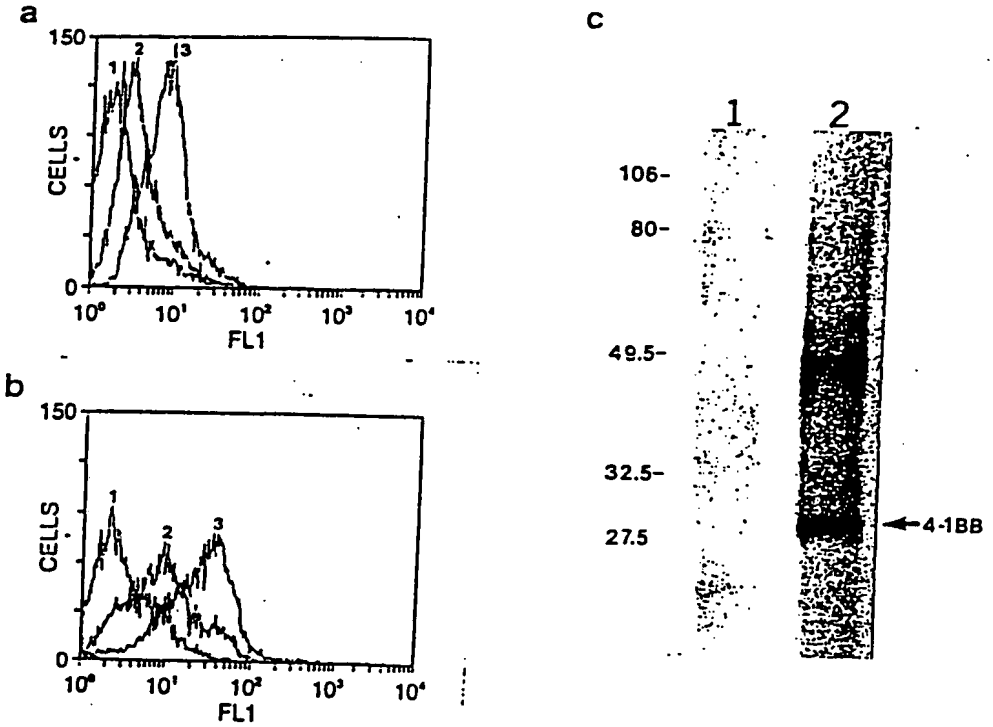
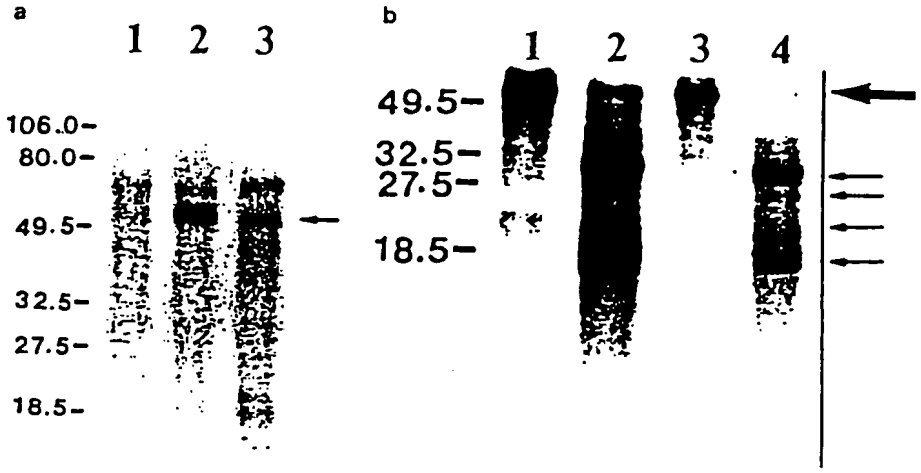


Figure 30



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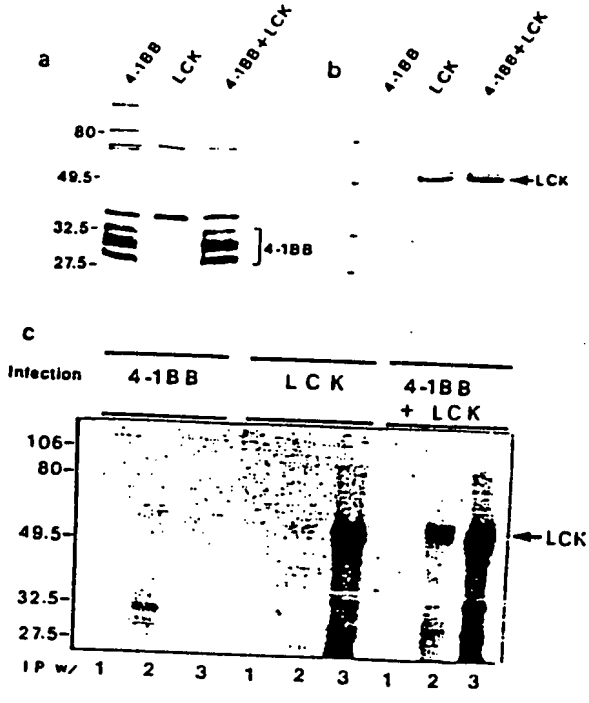

Figure 32

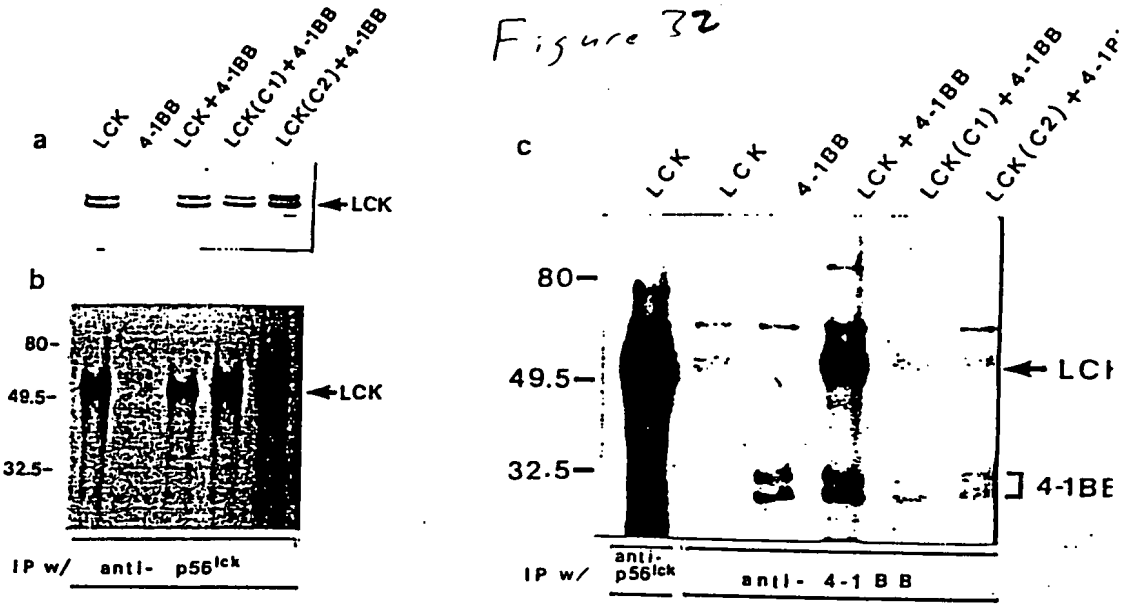

Figure 33

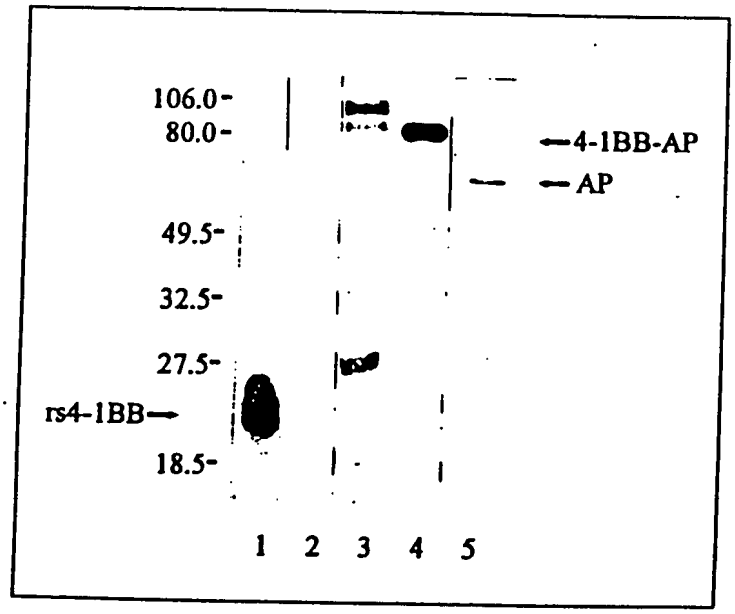

Figure 34a

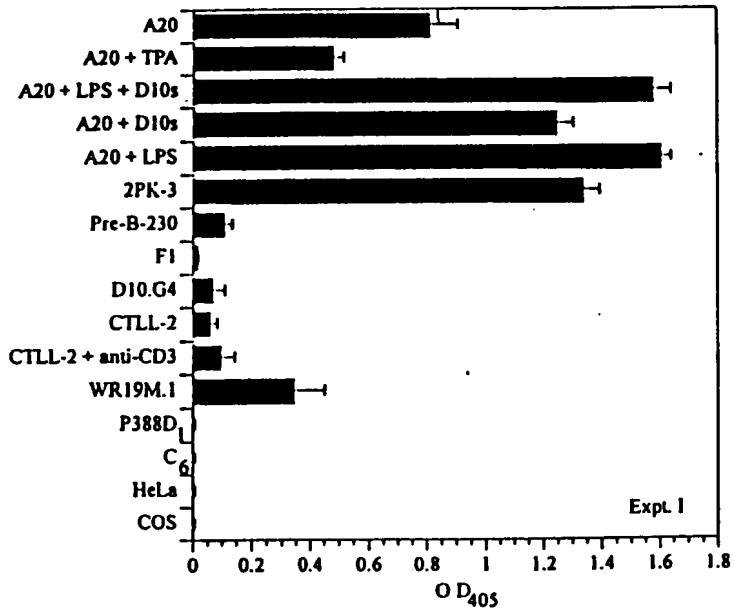

Figure 34b

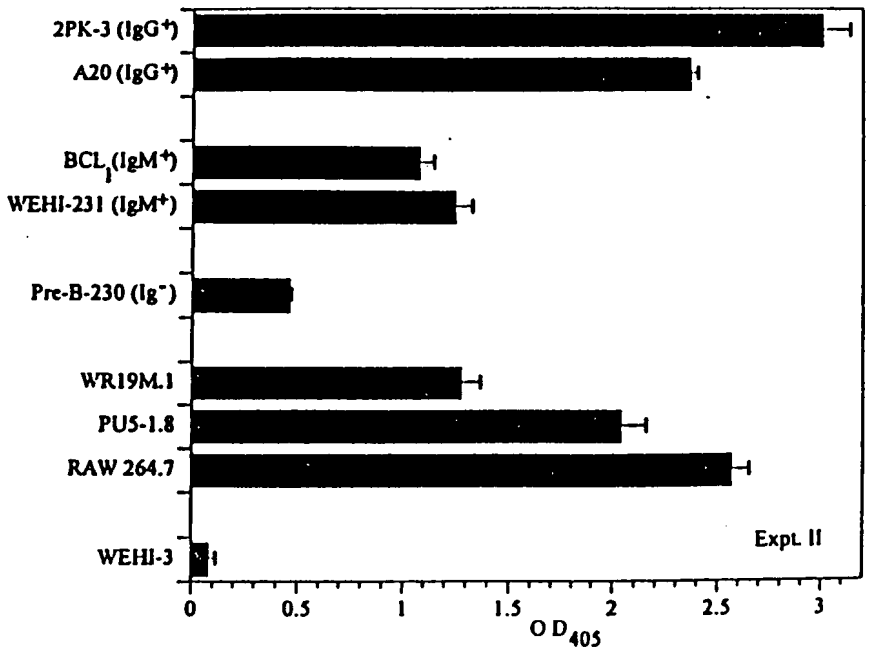

Figure 34c

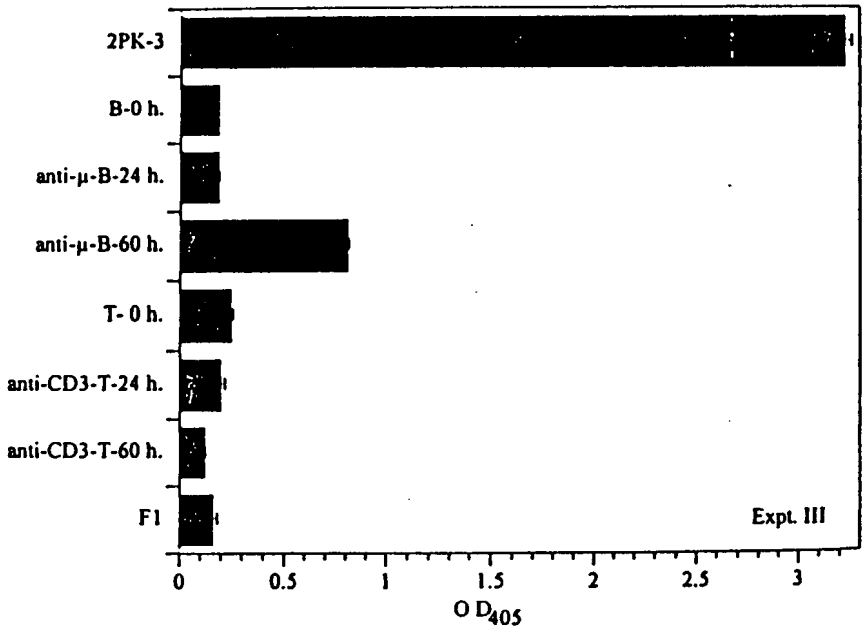

Figure 35

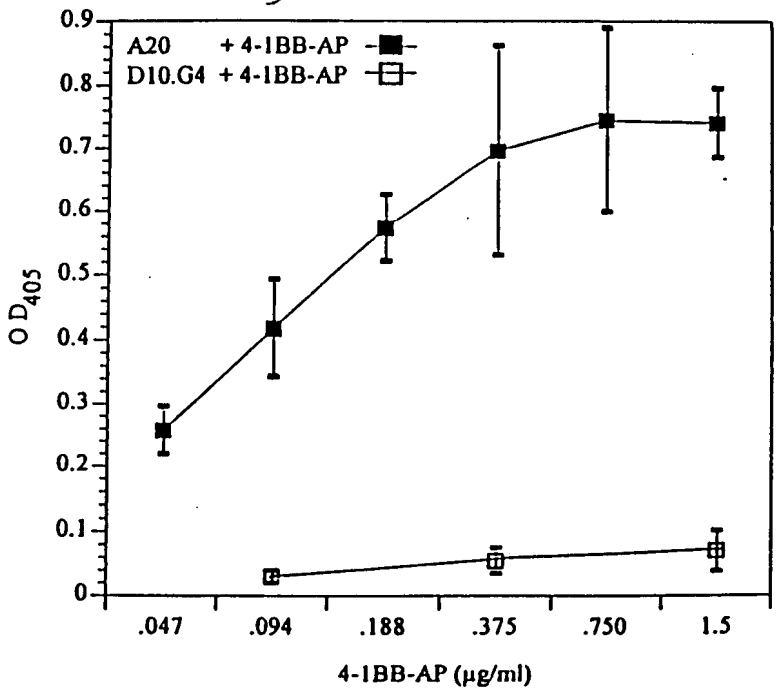

Figure 35b

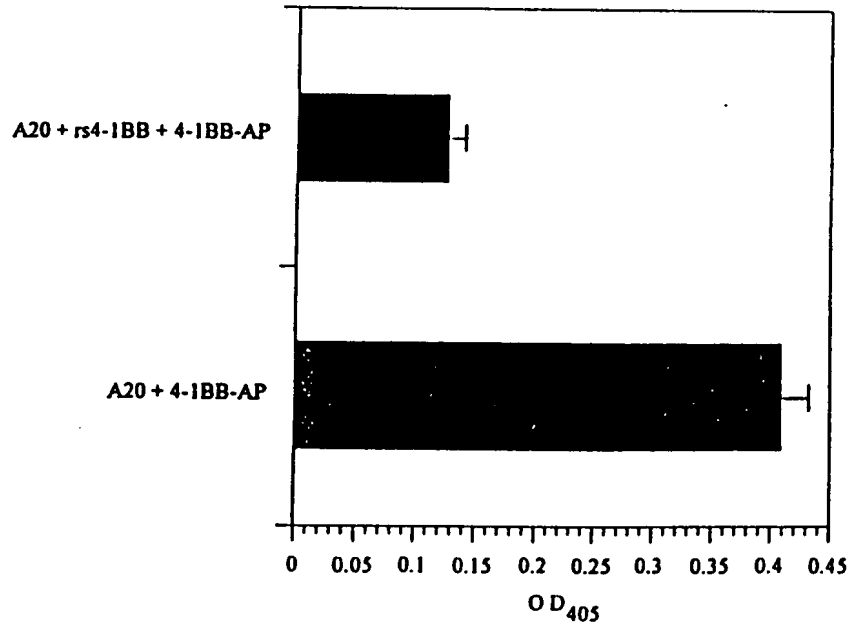

Figure 36